

METHOD AND SYSTEM FOR REDUCING DATA VOLUME
TRANSFERRED OVER A WIRELESS COMMUNICATIONS NETWORK

ABSTRACT OF THE DISCLOSURE

A system for reducing data volume transferred over a wireless communications network includes a browser operable to communicate a sequence to a network interface. The system further includes the network interface operable to receive the sequence from the browser, generate a signature for the sequence, store the sequence and signature in memory, associate the sequence and signature with the browser, communicate a cache header and the signature to the browser, and communicate at least one request header to a server. The browser, upon sending a subsequent communication to the server, communicates the cache header and signature to the network interface. In this manner HTTP request headers need not be transferred for every request from the browser.